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PATENT  
Customer No. 22,852  
Attorney Docket No. 06720.0061

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Yung-Hui CHEN et al. ) Group Art Unit: 2685  
)  
Application No.: 09/656,172 ) Examiner: T. Nguyen  
)  
Filed: September 6, 2000 )  
)  
For: BROADBAND SINGLE-ENDED )  
INPUT UPCONVERTER )

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO OFFICE ACTION**

In reply to the Office Action mailed August 25, 2004, with a period for response extending to November 25, 2004, Applicants respectfully request reconsideration in view of the following remarks.

**REMARKS**

In the Office Action, the Examiner rejected pending claims 1-31 under 35 U.S.C. § 112, 1<sup>st</sup> and 2<sup>nd</sup> paragraphs. Applicants respectfully disagree in view of the remarks which follow.

The Examiner stated that the process of the present invention "is known in the art as 'downconverting' not 'upconverting'," and cited Tiller (U.S. Patent No. 6,529,721) as support. Office Action at 2. Based on this understanding, the Examiner required that "[t]he entire application including the claim languages should be revised or corrected